

## Claims

- Sub a1*  
*5*
1. A method for removing honeycomb and braze from a substrate, said honeycomb having a base and a ribbon direction, comprising: directing a pressurized liquid at an angle of less than about 90° between the liquid and the substrate, through at least one orifice of a nozzle such that the liquid forms a liquid stream which strikes the substrate at the base of the honeycomb, thereby removing the honeycomb and braze from the substrate.
  2. A method as in Claim 1 further comprising the step of forming a laminar liquid flow out of the nozzle, wherein said nozzle has an orifice and a bore which connects said orifice to a liquid supply, with said bore having sufficient length such that a flow of liquid from said liquid supply attains a laminar flow prior to exiting said orifice.  
*5*
  3. A method as in Claim 1 wherein the pressure of the liquid <sup>*stream*</sup> is above about 20,000 psi (about 1379 bar).  
*a*
  4. A method as in Claim 1 wherein the pressure of the liquid <sup>*stream*</sup> is above about 30,000 psi (about 2068 bar).  
*a*
  5. A method as in Claim 1 wherein the pressure of the liquid <sup>*stream*</sup> is about 35,000 psi (about 2413 bar) to about 60,000 psi (about 4137 bar).  
*a*
  6. A method as in Claim 1 wherein said angle is about 35° to about 65°.
  7. A method as in Claim 1 wherein said angle is about 40° to about 60°.
  8. A method as in Claim 1 wherein said liquid stream strikes the base of the honeycomb in the ribbon direction.